

Applicant: Charles C. Freeny, Jr.
Title: **MASTER OPERATING SOFTWARE SYSTEM**
Serial No.: 09/920,669
Filed: August 2, 2001
Atty. Dkt. No.: 2551.062

In the Claims:

The following listing of claims supercedes and replaces all prior versions.

1. (Currently Amended) A split personal computer system for selectively processing video portions, input/output portions, computational portions and storage portions of personal computer tasks, comprising:

a remote portion adapted to selectively perform the computational portions and the storage portions of the personal computer tasks, the remote portion having a master operating software system stored thereon, wherein the master operating software system comprises:

a master input/output system running on the remote portion, the master input/output system automatically detecting each of at least one system application program installed on the remote portion, and selectively providing user information to the at least one system application program so that the at least one system application programs configure themselves into a predetermined configuration;

a master element manager running on the remote portion, the

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master element manager capable of controlling the at least one system application programs when the at least one system application programs are in a pre-determined configuration and the master element manager, upon activation, providing predetermined user information to one of the at least one system application programs to control the system application program; and
a master user interface manager system having a user requirement database and communicating with the master element manager such that, upon activation, the master user interface manager instructs the master element manager to provide pre-determined user information to at least a pre-determined portion of at least one of the at least one system application programs whereby in response, the at least one system application programs outputs identified user information to the master user interface manager requirement database;

a local portion adapted to selectively perform the video portions and the input/output portions of the personal computer tasks, the local

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portion comprising:

a display unit located remotely from the remote portion of the split
personal computer system;

an accessory unit in communication with the display unit;

an input unit in communication with the accessory unit to input data
signals into the accessory unit;

communication means for interfacing the accessory unit with the remote
portion of the split personal computer system for permitting data
signals received by the accessory unit from the input unit to be
transmittable from the accessory unit to the remote portion of the
split personal computer system, the data signals being processable
by the remote portion of the split personal computer system to
generate output signals, the output signals including video signals
and being transmittable from the remote portion of the split personal
computer system to the accessory unit, and transmittable from the
accessory unit to the display unit.

2. (Cancelled)

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3. (Previously Presented) The split personal computer system of claim 1 wherein at least one of the operating system platforms is an intranet platform.

4. (Previously Presented) The split personal computer system of claim 1 wherein at least one of the application programs is located on the Intranet.

5. (Currently Amended) A split personal computer ~~system of claim 1~~ for selectively processing video portions, input/output portions, computational portions and storage portions of personal computer tasks, comprising:

a remote portion adapted to selectively perform the computational portions and the storage portions of the personal computer tasks, the remote portion having a master operating software system stored thereon, wherein the master operating software system comprises:

a master input/output system running on the remote portion,
the master input/output system automatically detecting
each of at least one system application program
installed on the remote portion, and selectively providing
user information to the at least one system application

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program so that the at least one system application
programs configure themselves into a predetermined
configuration;

a master element manager running on the remote portion, the
master element manager capable of controlling the at
least one system application programs when the at least
one system application programs are in a
pre-determined configuration and the master element
manager, upon activation, providing predetermined user
information to one of the at least one system application
programs to control the system application program; and
a master user interface manager system having a user
requirement database and communicating with the
master element manager such that, upon activation, the
master user interface manager instructs the master
element manager to provide pre-determined user
information to at least a pre-determined portion of at
least one of the at least one system application

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programs whereby in response, the at least one system
application programs outputs identified user information
to the master user interface manager requirement
database;

a local portion adapted to selectively perform the video portions and the
input/output portions of the personal computer tasks, the local
portion comprising:

a display unit located remotely from the remote portion of the split
personal computer system;

an accessory unit in communication with the display unit;

an input unit in communication with the accessory unit to input data
signals into the accessory unit;

communication means for interfacing the accessory unit with the remote
portion of the split personal computer system for permitting data
signals received by the accessory unit from the input unit to be
transmittable from the accessory unit to the remote portion of the
split personal computer system, the data signals being processable
by the remote portion of the split personal computer system to

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generate output signals, the output signals including video signals
and being transmittable from the remote portion of the split personal
computer system to the accessory unit, and transmittable from the
accessory unit to the display unit, wherein the master operating
software system is designed by the steps of:

providing, first, a design matrix having at least two axes with at least one
predetermined technology element being represented on one of the
axes, and user requirement elements being represented on the other
one of the axes, the predetermined technology elements each
defining a particular technology, and each of the user requirement
elements defining a particular user requirement;

locating one unique intersection point between each of the user
requirement elements represented on one of the axes and the
available technology elements represented by another one of the
axes in the design matrix; and

developing a technology converter requirement for each intersection point,
each technology converter requirement using the predetermined
technology element at each intersection point to develop an output

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satisfying the user requirement element at the corresponding
intersection point.